9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

VAMP2 Human, (1-94)

Synaptobrevin-2 Human Recombinant, (1-94)
RCP2533

Product Overview

Name	VAMP2 Human, (1-94)

Description

Synaptobrevin-2 Human Recombinant, (1-94)

Accession (Primary)	P63027

Synonyms

Vesicle Associated Membrane Protein 2, Vesicle-Associated Membrane Protein 2, Synaptobrevin 2, VAMP-2, SYB2, Synaptobrevin-2.

Introduction

Synaptobrevin-2 or VAMP2 is a protein that has a proline-rich N-terminal part, highly conserved hydrophilic domain, a transmembrane anchor and a C-terminal.VAMP2 found in the transmembrane region of the cell, in the cytoplasmic surface of the synaptic vesicle. The protein is mainly found in the Langerhans islets in the pancreas and glomerular cells in the kidney. A SNARE complex is created within the protein’s N-terminal domain and the target membrane-associated T.

Source

E.Coli

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The VAMP2 solution (0.5mg/1ml) contains 0.1mM PMSF, 10% glycerol and Phosphate-Buffered Saline (pH 7.4).

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGSH MSATAA TAPPAAPAGE GGPPAPPPNL TSNRRLQQTQ AQVDEVVDIM RVNVDKVLER DQKLSELDDR ADALQAGASQ FETSAAKLKR KYWWKNLK.

Precautions

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VAMP2 Human, (1-94) is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P63027)